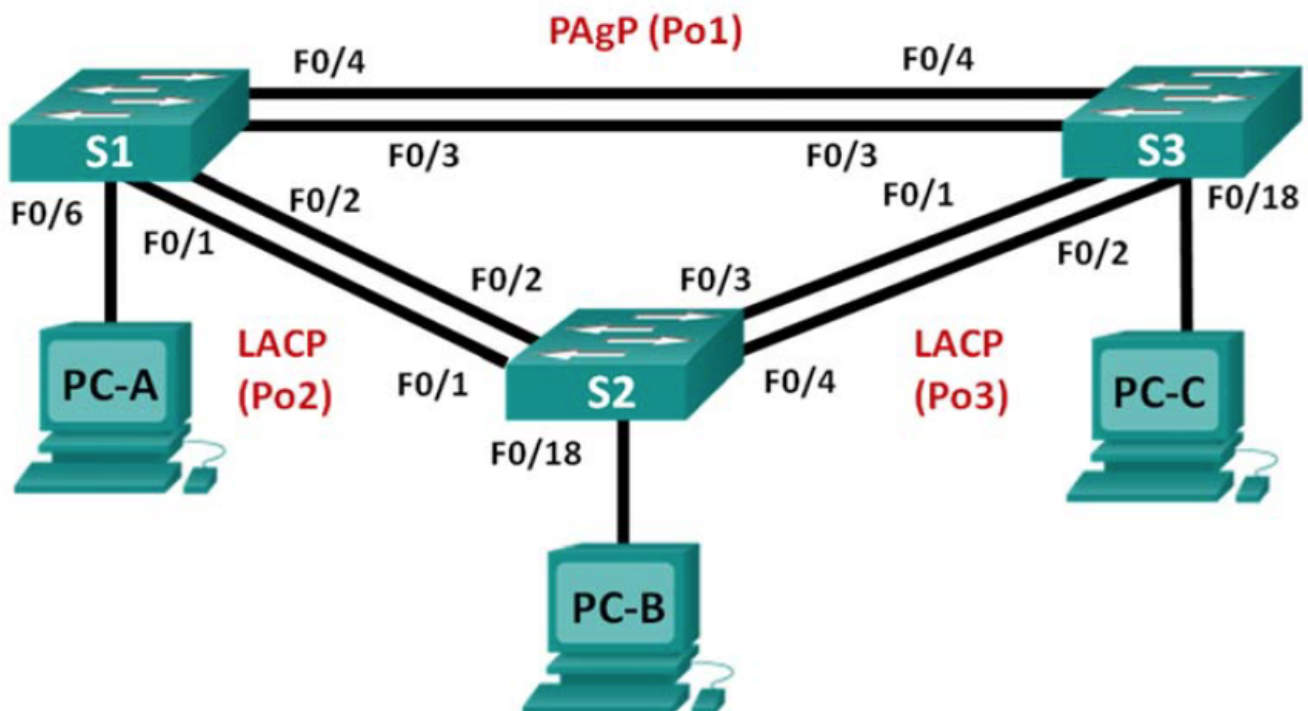# Ethernet Channel

Configure PAgP

on S1

```
interface range f0/3-4`
channel-group 1 mode desirable
no shutdown
```

On S3

```
interface range f0/3-4`
channel-group 1 mode auto
no shutdown
```

> show etherchannel summary

configure trunk ports on both switches

```
interface port-channel 1
switchport mode trunk
switchport trunk native vlan 99
no shutdown
```

configure LACP

on s1

```
interface range f0/1-2
channel-group 1 mode active
no shutdown
```

on S2

```
interface range f0/1-2
channel-group 1 mode active
no shutdown
```

> show etherchannel
>
> show etherchannel summery